

A PROCESS OF FRACTIONATING POLYMERS

ABSTRACT OF THE DISCLOSURE

Provided herein is a process of fractionating ferroelectric, preferably vinylidene fluoride polymers using a solvent having at least one polarizable functional group, and a precipitant. The composition of the fractionated ferroelectric polymers is selected so as to adjust the properties of a ferroelectric film made from the polymers. Films formed using the fractionated vinylidene fluoride polymers have improved properties, particularly with respect to roughness and crystal domain size, and suitability for use in data processing devices.

5